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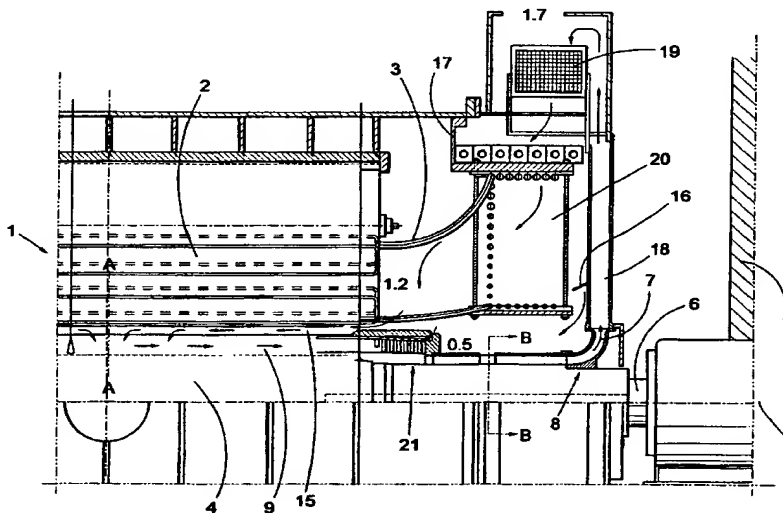
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(54) Title: AXIAL REVERSED COOLING OF A ROTOR AND A COIL END SECTION IN AN ELECTRICAL ROTATING MACHINE



(57) Abstract: An embodiment for air-cooling of the rotor and the coil end section in a rotating electric machine provided with a stator whereby the cooling air passes first through the coil end section (20) and then completely or partly axially into the air gap (15) between the rotor (4) and the stator (2) so as to reverse axially at the centre of the rotor by being guided into the axial rotor ducts (9) and then out through the rotor ducts whereupon the air is cooled and the circulation is repeated, and that a rotating electric machine (1) is cooled in accordance with this embodiment.

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